



GENERAL NOTES:

THE INTENT OF SECTIONS AND DETAILS SHOWN ON THIS DRAWING IS TO GRAPHICALLY DEPICT CODE REQUIREMENTS FOR CONSTRUCTION OF SMOKE RESISTIVE PARTITIONS, SMOKE RATED BARRIERS AND FIRE RATED BARRIERS, PARTITIONS AND BARRIERS SHOWN ON THIS DRAWING ARE CONSTRUCTION OF CMU, STEEL STUDS AND GYPSUM BOARD, AND COMBINATION OF BOTH MATERIALS.

SMOKE RESISTIVE PARTITION: SHALL BE CONSTRUCTED AS NON-RATED WALL TO RESIST PASSAGE OF SMOKE. EXTEND WALL TIGHT TO BOTTOM OF FLOOR AND/OR ROOF DECK AND SEAL JOINT WITH SMOKE RESISTIVE MATERIALS. WHERE WALL CROSSES STRUCTURAL ELEMENTS SEAL ALL JOINTS WITH SMOKE RESISTIVE MATERIALS. WHERE WALL IS LOCATED ALONG STRUCTURAL FRAMING ELEMENTS EXTEND WALL TO DECK ON ONE SIDE OF STEEL FRAMING AND SEAL JOINT WITH SMOKE RESISTIVE MATERIALS. SEAL ALL WALL PENETRATIONS ON BOTH SIDE OF WALL WITH SMOKE RESISTIVE MATERIALS.

SMOKE RATED BARRIER: SHALL BE CONSTRUCTED AS 1-HOUR FIRE RATED WALL TO RESIST PASSAGE OF SMOKE. EXTEND WALL TIGHT TO BOTTOM OF FLOOR AND/OR ROOF DECK AND SEAL JOINT WITH FIRE RESISTIVE JOINT SYSTEM (07 84 46). WHERE WALL CROSSES STRUCTURAL ELEMENTS SEAL ALL JOINTS WITH PENETRATION FIRESTOPPING MATERIALS (07 84 13). WHERE WALL IS LOCATED ALONG STRUCTURAL FRAMING ELEMENTS EXTEND WALL TO DECK ON BOTH SIDES OF STEEL ELEMENT AND SEAL WITH FIRE RESISTIVE JOINT SYSTEM (07 84 46). WHERE STEEL COLUMN IS PART OF WALL PROVIDE ADDITIONAL 4" CONCRETE BLOCK AT FACE OF STEEL COLUMN FOR CONTINUATION OF FIRE RATING (SEE DETAIL ON THIS DRAWING). SEAL ALL WALL PENETRATIONS ON BOTH SIDE OF WALL PENETRATION FIRESTOPPING MATERIALS (07 84 13).

1-HOUR FIRE RATED BARRIER: SHALL BE CONSTRUCTED AS 1-HOUR FIRE RATED WALL TO RESIST PASSAGE OF FIRE. EXTEND WALL TIGHT TO BOTTOM OF FLOOR AND/OR ROOF DECK AND SEAL JOINT WITH FIRE RESISTIVE JOINT SYSTEM (07 84 46). WHERE WALL CROSSES STRUCTURAL ELEMENTS SEAL ALL JOINTS WITH PENETRATION FIRESTOPPING MATERIALS (07 84 13). WHERE WALL IS LOCATED ALONG STRUCTURAL FRAMING ELEMENTS EXTEND WALL TO DECK ON BOTH SIDES OF STEEL ELEMENT AND SEAL WITH FIRE RESISTIVE JOINT SYSTEM (07 84 46). WHERE STEEL COLUMN IS PART OF WALL PROVIDE ADDITIONAL 4" CONCRETE BLOCK AT FACE OF STEEL COLUMN FOR CONTINUATION OF FIRE RATING (SEE DETAIL ON THIS DRAWING). SEAL ALL WALL PENETRATIONS ON BOTH SIDE OF WALL PENETRATION FIRESTOPPING MATERIALS (07 84 13).

2-HOUR FIRE RATED BARRIER: SHALL BE CONSTRUCTED AS 2-HOUR FIRE RATED WALL TO RESIST PASSAGE OF FIRE. EXTEND WALL TIGHT TO BOTTOM OF FLOOR AND/OR ROOF DECK AND SEAL JOINT WITH FIRE RESISTIVE JOINT SYSTEM (07 84 46). WHERE WALL CROSSES STRUCTURAL ELEMENTS SEAL ALL JOINTS WITH PENETRATION FIRESTOPPING MATERIALS (07 84 13). WHERE WALL IS LOCATED ALONG STRUCTURAL FRAMING ELEMENTS EXTEND WALL TO DECK ON BOTH SIDES OF STEEL ELEMENT AND SEAL WITH FIRE RESISTIVE JOINT SYSTEM (07 84 46). WHERE STEEL COLUMN IS PART OF WALL PROVIDE ADDITIONAL 4" CONCRETE BLOCK AT FACE OF STEEL COLUMN FOR CONTINUATION OF FIRE RATING (SEE DETAIL ON THIS DRAWING). SEAL ALL WALL PENETRATIONS ON BOTH SIDE OF WALL PENETRATION FIRESTOPPING MATERIALS (07 84 13).

DEFLECTION SYSTEM: ALL WALLS EXTENDED TO BOTTOM OF ROOF DECK SHALL BE CONSTRUCTED WITH USE OF DEFLECTION SYSTEMS AS DETAILED ON THIS DRAWING.

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Southern AE	
7951 Tronox Circle Austell, Ga 30168 (770) 519-7777	REVISIONS R# Doc# Date
architects & engineers	
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(6) CLASSROOM ADDITION TO: CREEKSIDE MIDDLE SCHOOL CATAULA, GEORGIA	
HARRIS COUNTY BOARD OF EDUCATION HAMILTON, GEORGIA	
TYPICAL FIRESTOPPING DETAILS	
DRAWING NUMBER A701	

Order Plans